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IDEA 0534
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12 NOV 1961

MEMORANDUM FOR: Chief, Development Branch, DFD

SUBJECT: Flight Map Destructor

REFERENCE: Memorandum to DFD/C/DB from DFD/EO; subject: Map Destruction Kit; dated 14 November 1961 (IDEA 0573)

1. This memorandum is a resume and restatement of requirements for a means of destroying charts, logs, and other written or printed data in flight.
2. The charts to be destroyed are mounted on 11" x 15" Bainbridge Illustration Board number 172 or equivalent, either single or double thick. While this board is now used, a suitable substitute of similar size and rigidity, but made of a more easily destroyed material, is acceptable.
 - a. Maps of the JN series or like paper are fastened to the boards with 1" transparent scotch tape on all edges.
 - b. Logs are similar to single thick illustration board but printed on both sides.
 - c. Certain charts have a transparent Mylar covering, also sealed by transparent scotch tape on all edges.
 - d. The minimum space provision is that required for four charts (paragraph 2.a.), two logs (paragraph 2.b.), and one other chart (paragraph 2.c.). Space for two more 11" x 15" charts is desirable.
3. Total destruction of text is required; that is, there can be no identifiable text on any fragment of printed material.

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25X1A

4. Since the destructor may be used in a sealed environment, toxic fumes cannot be tolerated outside the destructor itself. For the same reason fire and smoke must not be present outside the container.

5. Positive, reliable operation must be possible up to [redacted] feet and at a minus 70 degree temperature. It is much preferred to have no external power source to operate the destructor. The operator will be required to use gloves which severely limit hand and finger movement.

25X1D

6. The space available for installation of the loaded unit will have to be determined by actual test on the U-2 cockpit. It is likely that the cramped quarters in the U-2 cockpit will require that the unit have some degree of flexibility to conform to the shape of existing space.

25X1A [redacted]

Lt. Colonel, USAF
Acting Chief, Special Projects Branch, DPD

cc: DPD/EO

25X1A DPD/SPB/[redacted], Jr:ph (27 Nov 61)

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